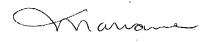


## BEST AVAILABLE COPY



FORM PT	O-1449	(Modified)		Attorney Docket No.: 0152	80-415100US	Application No.	: 09/810,310
			CATIONS FOR	Applicant: Samir Khleif et	t al.		
APPLICA STATEM	NT'S II ENT (U	NFORMATION se several sheets	DISCLOSURE if necessary)	Filing Date: March 14, 200	)1	Group: 1644	
Reference	Design	ation	ì	J.S. PATENT DOCUMENT	rs		Page 1 of 1
Examiner Initial		Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
	AA.	4,599,230	July 8, 1986	Milich et al.			
	AB.	4,599,231	July 8, 1986	Milich et-al.			
	AC.	5,861,310	Jan. 19, 1999	Freeman et al.			
	AD.	5,866,553	Feb. 2, 1999	Donnelly et al.			
	AE.	5,942,607	Aug. 24, 1999	Freeman et al.			
			FOR	EIGN PATENT DOCUME	ENTS		
		Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
M	AF.	90/11092	Oct. 4, 1990	wo			
		TO	HER ART (Incl	uding Author, Title, Date, P	ertinent Pages, E	tc.)	
hr.C	AG.	Acsadi et al., " Nature 352:81:		expression in mdx mice afte	r intramuscular in	ection of DNA co	onstructs,"
LS)	AH.		'Antiviral cytotox 1815-1820 (1990)	ic T cell response induced by	in vivo priming w	ith a free syntheti	c peptide," J.
8	AI.	Armitage <i>et al.</i> (1992)	, "Molecular and b	piological characterization of	a murine ligand fo	τ CD40," Nature	357:80-82
3	AJ.	Azuma et al., "	B70 antigen is a s	econd ligand for CTLA-4 and	1 CD28," Nature 3	66:76-79 (1993)	
9	AK.	Baskar et al., "Constitutive expression of B7 restores immunogenicity of tumor cells expressing truncated major histocompatibility complex class II molecules," Proc. Natl. Acad. Sci. USA 90:5687-5690 (1993)					
6	AL.	Bleijs et al., "Co-stimulation of T cells results in distinct IL-10 and TNF-α cytokine profiles dependent on binding to ICAM-1, ICAM-2 or ICAM-3," Eur. J. Immunol. 29:2248-2258 (1999)					
8	AM.	Boon, T., "Toward a genetic analysis of tumor rejection antigens," Adv. Cancer Res. 58:177-210 (1992)			1992)		
Niao	AN.	Bretscher and C	Cohn, "A theory of	f self-nonself discrimination,"	' Science 169:1042	2-1049 (1970)	
W	AO.	Brodsky et al.,	"Antigen processi	ng and presentation," Tissue .	Antigens 47:464-4	71 (1996)	
MO	AP.	Brunet et al., "	A new member of	the immunoglobulin superfar	nily CTLA-4," /	Nature 328:267-2	70 (1987)
au	AQ.		, "ICAM-2 provid nol. 45:248-254 (	les a costimulatory signal for 1997)	T cell stimulation	by allogeneic clas	ss II MHC,"
WD	AR.	Chang et al., "Heterogeneity in direct cytotoxic function of L3T4 T cells - TH1 clones express higher cytotoxic activity to antigen-presenting cells than TH2 clones," J. Immunol. 145:409-416 (1990)			her cytotoxic		
RO.	AS.	Chen et al., "Costimulation of antitumor immunity by the B7 counterreceptor for the T lymphocyte molecules CD28 and CTLA-4," Cell 71:1093-1102 (1992)			e molecules		
11	AT.	Dong et al., "B7-H1, a third member of the B7 family, co-stimulates T-cell proliferation and interleukin-10 secretion," Nat. Med. 5:1365-1369 (1999)			leukin-10		



•	.^ •		BEST AVA JAB	LE COPY		
	FORM PT	O-1449	(Modified)	Attorney Docket No.: 015280-415100US	Application No.: 09/810,310	
			TS AND PUBLICATIONS FOR NFORMATION DISCLOSURE	Applicant: Samir Khleif et al.		
			se several sheets if necessary)	Filing Date: March 14, 2001	Group: 1644	
	(PE)	AU.	Dustin et al., "Correlation of CD2 function-associated antigen 3," J.	binding and functional properties of multimer Exp. Med. 169:503-517 (1989)	ric and monomeric lymphocyte	
	115 40 80°		Eisenlohr et al., "A transient trans to class I MHC restricted T lympl	sfection system for identifying biosynthesized pacytes," <i>J. Immunol. Meth.</i> 154:131-138 (199	proteins processed and presented  2)	
S		øy√.	Elliott et al., "Perspectives on the Res. 53:181-245 (1989)	role of MHC antigens in normal and malignan	t cell development," Adv. Cancer	
	NO	AX.	Fearon et al., "Interleukin-2 prodresponse," Cell 60:397-403 (1990)	uction by tumor cells bypasses T helper function)	on in the generation of an antitumor	
	W)	AY.		sion, and T cell costimulatory activity of the m ," J. Exp. Med. 174:625-631 (1991)	nurine homologue of the human B	
	MD	AZ.	Fynan et al., "DNA vaccines: pro Natl. Acad. Sci. USA 90:11478-1	tective immunizations by parenteral, mucosal, 1482 (1993)	and gene-gun inoculations," Proc.	
	100	BA.		gene transfer into tumor cells abrogates tumori	genicity and induces protective	
1	MO	BB.		antigen processing and presentation," Nature	322:687-691 (1986)	
	W	BC.	Gimmi et al., "B-cell surface anti secrete interleukin 2," Proc. Natl.	gen B7 provides a costimulatory signal that inc Acad. Sci. USA 88:6575-6579 (1991)	luces T cells to proliferate and	
	j.	BD.	Gimmi et al., "Human T-cell clor Proc. Natl. Acad. Sci. USA 90:65	al anergy is induced by antigen presentation in 86-6590 (1993)	the absence of B7 costimulation,"	
	0	BE.	Golumbek et al., "Treatment of es Science 254:713-716 (1991)	stablished renal cancer by tumor cells engineer	ed to secrete interleukin-4,"	
	MO	BF.	Greenberg, P. D., "Adoptive T ce tumor cells," Adv. Immunol. 49:2	Il therapy of tumors: mechanisms operative in 81-355 (1991)	the recognition and elimination of	
	M	BG.	Harding et al., "CD28-mediated s clones," Nature 356:607-609 (199	ignalling co-stimulates murine T cells and prev 2)	vents induction of anergy in T-cell	
		вн.		n immunodeficiency virus (HIV) CD8 <sup>+</sup> cytotor atl. Acad. Sci. USA 88:9448-9452 (1991)	ric T cells in vivo by carrier-free	
	NO	BI.	Harty et al., "CD8 <sup>+</sup> T cells specifi J. Exp. Med. 175:1531-1538 (199	c for a single nonamer epitope of <i>Listeria mon</i> 2)	cytogenes are protective in vivo,"	
	MO	BJ.	Hellström and Hellström, in The I	Biologic Therapy of Cancer, pp. 35-52, Devita	et al., eds., Philadelphia, J. B.	
	NV	BK.	Hunt et al., "Peptides presented to molecule 1-A <sup>d</sup> ," Science 256:181	the immune system by the murine class II mag-	jor histocompatibility complex	
	MO	BL.	Janeway, C.A., Jr., "Approaching Symp. Quant. Biol. 54:1-13 (1989)	the asymptote? Evolution and revolution in im	umunology," Cold Spring Harbor	
	<b>YW</b>	ВМ.		spleen cells restore the responsiveness of normantigen-presenting cells," <i>J. Immunol.</i> 140:332		
Ī	WO	BN.		eptor in T-cell activation," Immunol. Today 11		
	صا	во.		nal Sendai virus infection by <i>in vivo</i> priming of peptide," <i>Proc. Natl. Acad. Sci. USA</i> 88:2283-		
		BP.		peptide from its binding domain are efficient ac		
	40	BQ.		B7/BB1 provides costimulatory signal for allo	activation of CD4 <sup>+</sup> T cells," <i>J</i> .	
	CVA	BR.		ns in UV radiation carcinogenesis," Adv. Cance	er Res. 34:69-75 (1981)	
	W	BS.	Lafferty et al., "Immunobiology of tissue transplantation: a return to the passenger leukocyte concept," Ann. Rev. Immunol. 1:143-173 (1983)			

FORM PT	O-1449	(Modified)	Attorney Docket No.: 015280-415100US	Application No.: 09/810,310	
LIST OF F	ATEN	TS AND PUBLICATIONS FOR	Applicant: Samir Khleif et al.		
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Filing Date: March 14, 2001	Group: 1644	
(PA	.VS.	LaSalle et al., "Presentation of au	toantigen by human T cells," J. Immunol. 147	:774-780 (1991)	
AUG 4 0 ZO	BA		vival of xenogeneic pancreatic islet grafts indu		
 Mi ∩	P		ent activation of tumor-specific cytotoxic T lyn	mphocytes in vivo," Eur. J.	
W.	BW.	Linsley et al., "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB-1," Proc. Natl. Acad. Sci. USA 87:5031-5035 (1990)			
W/	BX.	Linsley et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleukin 2 mRNA accumulation," J. Exp. Med. 173:721-730 (1991)			
MO	BY.	Liu et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992)			
MO	BZ.	McKisic et al., "Cytolytic activity of murine CD4 <sup>+</sup> T cell clones correlates with IFN-γ production in mouse strains having a BALB/c background," J. Immunol. 150:3793-3805 (1993)			
Cin	CA.	Melief, C. J. M., "Tumor eradica 175 (1992)	Melief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-		
an	CB.	Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989)			
W	CC.	Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990)			
W	CD.	Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15 (1989)			
00	CE.	Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol 144:4068-4071 (1990)			
NAO	CF.		process of CD4 Th1 clones," J. Immunol. 149:		
MO	CG.		d LFA-3 in costimulation of CD8 T cells," J.		
MO	CH.	Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992)			
NA C	CI.	Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992)			
wo	CJ.	Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocyte Science 233:1318-1321 (1986)			
NO	CK.	Rosenberg et al., "Cancer immur Rev. Immunol. 4:681-709 (1986)	notherapy using interleukin-2 and interleukin-2		
MO	CL.	Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990)			
MO	CM.		sis of peptides bound to MHC class II molecu		
	CN.	Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," J. Immunol. 161:5138-5142 (1998)			
MD	CO.	-	pecific antigens," Ann. Rev. Immunol. 6:465-4		
WO	CP.	Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993			
OKA	CQ.	Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989)			
	CR.	Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the B-lymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992)			
MO	CS.	Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988)			
NO	CT.	Swallow et al., "B7h, a novel cos 432 (1999)	stimulatory homolog of B7.1 and B7.2, is indu	ced by TNFa," Immunity 11:423-	

•	DEST AVAILALE	COPY			
FORM PTO-144	ξ	Attorney Docket No.: 015280-415100US	Application No.: 09/810,310		
	ITS AND PUBLICATIONS FOR INFORMATION DISCLOSURE	Applicant: Samir Khleif et al.			
	Jse several sheets if necessary)	Filing Date: March 14, 2001	Group: 1644		
RES.	lymphokines/cytokines," Proc. N	on pathway regulates the production of multiple atl. Acad. Sci. USA 86:1333-1337 (1989)			
W de	•	gnition by class I-restricted T lymphocytes," Ann. Rev. Immunol. 7:601-624 (198			
15 706 W	Townsend et al., "Tumor rejection after direct costimulation of CD8 <sup>+</sup> T cells by B7-transfected melanoma Science 259:368-370 (1993)				
Turka et al., "T-cell activation by the CD28 ligand B7 is required for cardiac allograft rejection in vivo," Natl. Acad. Sci. USA 89:11102-11105 (1992)					
Λ√ CY.	The state of the s				
M CZ.	lymphocyte CD2 glycoprotein,".	J. Exp. Med. 166:923-932 (1987)	<u></u>		
DA.	W I'll call estimation nothing party D7 I FA 2 and ICAM I shape unique T cell profiles "Crit Rev				
DB.	DB. Wolff et al., "Direct gene transfer into mouse muscle in vivo," Science 247:1465-1468 (1990)				
DC.	Young et al., "The B7/BB1 antigen provides one of several costimulatory signals for the activation of CD4 <sup>+</sup> T lymphocytes by human blood dendritic cells in vitro," J. Clin. Invest. 90:229-237 (1992)				
	:				
<del></del>					
		Milds.			
	:				
		· · · · · · · · · · · · · · · · · · ·			
	· · · · · · · · · · · · · · · · · · ·				
	· · · · · · · · · · · · · · · · · · ·				
	<u> </u>				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.